REMARKS:

Claims 14-28 were rejected under 35 U.S.C. §112, first paragraph as failing to comply with the written description requirement, as well as failing to comply with the enablement requirement. Claims 14-28 were rejected under 35 U.S.C. §112, second paragraph, as being indefinite. The reason for all of these rejections was the Examiner's statement that the limitation of "average" which was included in the amendments to the specification, and in the language of claims 14-28, is not present at any location in the original translation of the PCT application, which was used as the basis for the specification and claims in the National Examination Phase in the United States. The Examiner stated at all locations the word "median" is used instead of "average" and the Examiner stated that the word "average" at all locations in the specification and claims should be changed to "median."

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These rejections are respectfully traversed fro the following reasons.

The PCT application is based on a German application, and therefore the PCT application itself is in German. The word in the German PCT application that was translation as "median" in the translation used for entry into the United States National Examination Phase is "mittlere" (sometimes appearing as "mittleren" when used as an adjective in the accusative case, i.e., to modify the object of a verb). Applicants herewith submit excerpts from two German-English technical dictionaries demonstrating that the generally accepted translation of this term into English is "average." The Examiner is, of course, correct that the English words "average" and "median" have different meanings, however, it is not unusual, even in English, for these words to be incorrectly interchanged by persons who are not being particularly careful as to the intended use and meaning in a particular context. Applicants submit the same is true of the present translation. It is not the underlying original PCT application which fails to provide proper support for the English term "average," since that German document at all locations uses the proper German word. It is only the uncareful translation of that word into English as "median" which resulted in an imprecise word being used in the document that

formed the basis for entry into the National Examination Phase in the United States.

The attached excerpts also demonstrate that there is, in fact, an appropriate word in German when the concept of "median" is truly intended, this being "Mediane" (median line) or "Medianwert" which has the precise meaning of "median." As the Examiner can easily determine by reviewing the original PCT language in the German reference, neither of these terms appear anywhere in that document; the term "mittlere" is always used.

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Moreover, the fact that the mathematical concept of 'average" was intended in the context of the present specification, as opposed to the mathematical concept of "median," is very clear. This was readily apparent to the undersigned counsel for the Applicants when the Substitute Specification and Amendment "A" Prior to Action were prepared.

First, as a general observation, controlling a pacemaker based on a median as opposed to an average would result in highly aberrational control, that could only mimic natural pacing in a very few unusual circumstances. As the Examiner is aware, it is almost always the goal of an implanted heart stimulator to stimulate the heart in a manner that causes the heart to function as closely as possible to a naturally beating heart under different physiological conditions. As the Examiner is aware, the mathematical "median" is simply the midpoint of the values of statistical samples in a group. In calculating the median, it does not matter whether the same statistical value occurs repeatedly (unless some type of weighting is entered into the calculation, for which there is no evidence in the German or English specification). In the example used in the present specification of a body at rest, a heartbeat rate of 90 beats/min is intended. For calculating the median, if a measurement of 90 beats/min and a measurement of 100 beats/min were made, this would result in a median of 95 beats/min, and this median would not change even if 10 measurements (samples) had a value of 90 beats/min and only one sample had a value of 100 beats/min. This would mean that one unusual sample at 100 beats/min could unjustifiably cause a significant alteration in the operation of the device, even though ten other samples were obtained at 90 beats/min.

By contrast, if an average value is calculated, this results in a value that is much closer to the value that has been predominantly measured, namely 90 beats/min, and the presence of an unusual measurement of 100 beats/min is not so significant.

Therefore, a person of ordinary skill in the art reading the English translation would clearly form the belief, as did the undersigned counsel for the Applicants, that the word "median" was being used incorrectly and that the word "average" was meant.

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Accordingly, the word "average" has been retained at all locations in the specification and claims. Additionally, several locations have been noted in the specification wherein the change from "median" to "average" was not made in the substitute specification, and at all of those locations the same change now has been made, so that the word "average" is used consistently throughout the specification and claims.

Additionally, Applicants note that the equation in block 5 of Figure 4, which should be the equation for formulating an average, was incorrect, and should have included the factor 1/n. Figure 4 accordingly has been amended to correct the equation in block 5. This is further evidence that the concept of "average" as opposed to the concept of "median" was intended, because this simple change in the equation of block 5, which is the block wherein the quantity in question is formed, can easily be corrected to the correct formula for forming an average. A completely different equation would have to be used to calculate the median. If the concept of "median" had been the originally intended meaning, the equation, even in its incorrect form, shown in Block 5 would have been completely inappropriate.

For the above reasons, Applicants respectfully submit that none of the above changes, nor the changes made in the application at the time of entering into the National Examination Stage in the United States, constitutes new matter, because all of these changes are fully supported in the original German language PCT application. It is the content of that original application that forms the basis for a determination of whether a change constitutes "new matter," rather than the translation.

Other changes in the claims noted by the Examiner have also been made.

Early reconsideration of the application is therefore respectfully requested.

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GERMAN – ENGLISH TECHNICAL AND ENGINEERING DICTIONARY

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SECOND EDITION

Completely Revised and Enlarged

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"I shall not think my employment useless or ignoble if . . . my labors afford light to the repositories of science."

Dr. Samuel Johnson

die viele.

which contrib

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f scabs -weiß -zurichtung f

hte ~ batter. ~, einseitig
: worked fair
. ~ slovenly
or embattled

j. top course i block (of brüstung f le affixed to cades, wall deckplatte f rehführung f l, failure, or

wall line or anal m wall box frame ronz m capket bearing the or outer

thatch -saiz wall crane, estal (of a ick -stütze f ir pole affifaçades

in Polygonnen Steinen

ackes lobe, ced balloon sel m fixed

r gap (of vrench) ~ the screw

owel

wert fulling nomiiebsstrom

viation -e
1 point of
1 ladung, -e
1 schwindig1 er Kurz1 tude -aus1 m over-

t -automat -druck m ium error

· greatest

melder m naximum finding) -skalenwert m maximum scale value -spannung f maximum voltage, highest pressure -spannungsrelais n overload relay -strom m maximum current -wert m maximum value -wertigkeit f maximum valence

Maximum n maximum, peak (of a curve) ~ des Beugungsspektrums diffraction spectrum maximum ~ an Weiß white peak Maximum-zu-Maximum Verhältnis peak-to-valley ratio

Maximum-anzeiger m demand attachment -durchschnittswölbung f maximum mean camber -peilverfahren n Robinson direction-finding system -pferdekraft f maximum horsepower -wertzeiger m peak indicator, crest indicator -zähler m maximum demand indicator

Maxwell n maxwell -anordnung f shunted condenser, reading condenser -erde f Maxwell earth -schaltung f shunted condenser, reading condenser

Maxwell-sche Gleichungen Maxwell's equations -sche Grundgleichungen Maxwell's electromagnetic equations -sches Gesichtsfeld Maxwellian view

Maxwellverteilung f Maxwell (statistical) distribution

Mazeration f maceration mazerieren to macerate
Mechanik f mechanics, mechanism
Mechaniker m mechanic(ian) -drehbank f bench lathe

mechanisch mechanical -er Antrieb mechanical drive -er Auftrieb mechanical lift ~ betätigt mechanically controlled or operated ~ betätigte Klappen mechanically operated flaps ~ blokkierte Steuerung ganged control ~ gekoppelt ganged ~ wirkender Regler mechanical control mechanischer Enteiser mechanical deicer ~ einziehbares Fahrgestell mechanically retractable undercarriage

mechanisch-e Bearbeitung machining -es Dynamometer absorption dynamometer -er Flugzeugstart assisted take-off -er Gleichrichter
mechanical rectifier -e Grundgleichung Newton's second law -er Hitzegegenwert mechanical
equivalent of heat -e Kippsicherung mechanical
stabilizer -e Konvektion mechanical convection
-e Kupplung ganging -e Kraft mechanical force
or power -es Moment momentum

mechanisch-er Regler mechanical control er Richtpresse mechanical arbor press er Schalttisch manipulator er Scheinwiderstand mechanical impedance verstellbare Schraube mechanically controlled variable-pitch propeller e blockierte Steuerung ganged control er Teil einer Seilmaschine rig irons e Unbeständigkeit mechanical instability e Verunreinigung mechanical impurity es Visier mechanical sight er Wirkungsgrad mechanical efficiency es Zählwerk mechanical register e Zahnerzeugung gear generating

mechanisieren to mechanize mechanisiert mechanized

Mechanisterum f mechanization bis zur Automatiserum increase of mechanization to complete automatic control

Mechanismus *m* mechanism, gear Medaille *f* medal Medailleur *m* engraver Mediallinie f trunk line
Mediane f median line
Medianpapier n medium paper
Medium n medium, agent brechendes ~ refracting medium
Medizin f medicine

Meer n ocean, sea -ablagerung f marine deposit -busen m bay, gulf -enge f strait(s), narrow channel

Meeres-arm m arm of the sea, sea inlet, estuary -boden m ocean floor -enge f narrows, straits -gebiet n sea area -grund m bottom of the sea, sea bed -höhe f altitude, height above sea level or datum, sea level -höhenzahl f relative elevation

Meeres-küste f seacoast, seashore -leuchten n phosphorescence of the sea -niveau n, -spiegel m sea level -spiegelhöhe f sea-level altitude -strömung f marine current -welle f sea wave, ocean wave -wetterkunde f marine meteorology

Meer-farbe f sea green -sand m sea sand -schleuse f harbor lock -schweinöl n porpoise oil -wachs n sea wax -wasser n sea water

Mega-dyn n megadyne -elektronenvolt n million electron-volts, mega-electron-volt, mev -farad n megafarad -hertz n megacycle per second, megacycle (MC/s)

Megampere n megampere
Megaphon n loud hailer, megaphone
Megaskop n projector
Megavolt n megavolt
Megerg n megerg
Megger m megger

Megohm n megohm -meter n megohmmeter Mehl n dust, powder, meal flour -artig like meal or flour, farinaceous -bunker m meal hopper -bürstmaschine f brush bolter, cylindrical dressing machine -förderschnecke f flour worm conveyer -gips m earthy gypsum -haltig containing flour mehlig floury

Mehl-motte f flour moth -sand m very fine sand, rock flour -staub m flour dust -tau m mildew -wurm m meal worm -zug m flour train

Mehr-achsantrieb m multiple-axle drive -adressencode m multiple-address code mehradrig multiwire -es Kabel multi-conductor cable

Mehr-anodenventil n multi-anode rectifier -arbeit f extra work -armig multiarm(ed) -atomig polyatomic -aufwand m increased, extra, or additional expenditure -ausgabe f additional cost -ausstoß m increased yield -bandantenne f multi-band antenna -bändertrieb m multiband drive, multiple-belt drive -basisch polybasic -bedarf m increased demand -belastung f overload -bildmessung f measurement of photographs taken with multiple cameras mehrblättriges Strahlungsdiagramm n multi-lobe

radiation pattern

Mehr-decker m multiplane -decklochkarte f
multi-deck card

mehrdeutig ambiguous, many-valued e Verrückung multi-valued displacement Mehrdeutigkeit f ambiguity, equivocation

mehrdimensional multidimensional e Flüssigkeitsbewegung multidirectional motion of liquid Mittellicht n half tone, average shading value Mittellinie f axis, center line, neutral line, construction line erste ~, spitze ~ acute bisectrix stumpfe ~, zweite ~ obtuse bisectrix

Mittellinien-feuer (Flugplatz) n center line lights -kondensator m mid-line condenser, logarithmic condenser

mittel-los without means, destitute -lot n median perpendicular -mäßig medium, tolerable -mä-Bigkeit f mediocrity -mauer f mean wall -meridian m mid-meridian -morane f medial moraine -motor m central engine

mitteln to average, ascertain mean value

Mittel-niedrigwasser n mean low water (level) -öffnung f main arch -öl n medium oil -pfeiler m central pier -pfosten m mullion -platte f center plate -pleuel n articulated connecting rod -produkt n chats (min.), middlings

Mittelpunkt m center, central point vom ~ fortstrebend centrifugal zum ~ hinstrebend centripetal in einem ~ vereinigen to centralize ~ des Auftriebs center of buoyance

Mittelpunkt-ausbreitung f open center control -gleichung f equation of the center -projektion f gnomonic projection -speisung f apex drive -sucher m center punch, center-punching apparatus -tastschaltung f center-tap keymodulator scheme -triangulation f center triangulation

Mittel-quaderpfeiler m intermediate jamb -quadratenmethode f mid-square method -rad nmiddle, central, or minute wheel -radius m mean radius -rapport m center repeat -reihe f central row -renner m central runner -riegel m cross brace, middle traverse, middle crosspiece (sluice) -rippe f central web -rohrrahmen mcenter tubular chassis

mittels through, by, by means of

Mittel-schaft m intermediate jamb -scheibe f groove or intermediate disk -schenkel m center leg, center limb or bar

Mittelschiene f central rail - der Taste center of

Mittel-schiff n middle aisle -schild n center shield -schneider m plug tap -schnelles Neutron intermediate neutron -schnitt m cross section -schnittmähbalken m medium cutting mower bar

Mittelschrift, geneigte - large text

mittelschwer medium heavy -e Bespulung medium-heavy loading

Mittelschwert n centerboard

Mittelschwimmer m central float -flugzeug n central-float plane

Mittel-senkrechte f mid-vertical, median perpendicular -spannung f mean stress -spant n midship frame -ständig occupying a middle position -starkes Klopfen medium detonation -steg m long cross. cross bar -stein m central brick -stellung f mid-position -stempel m center ram -straße fintermediate rolling train (rolling mill), middle mill -strebe f mediate strut -strecke fintermediate strand of rolls

Mittelstück n center bit, body (of converter) eingezogenes - waist

Mittel-stütze f intermediate support -teil m midportion, mid-section -teil der Zelle center frame trieb m central focusing

Mittel- und Grobbleche pl plates

Mittel-wache f midwatch -walze f middle roll. center roller -walzwerk n intermediate rolling mill -wasser n mean water (level), mean stage, mean sea level -weg zwischen zwei Geleisen sixfoot way (R.R.) -weiß n equal-signal white -welle f countershaft, medium wave (radio), Mittelwellen-antriebsrad n center driving-shaft gear -bereich m medium frequency band -empfänger m medium-wave receiver -sender m medium-wave transmitter

Mittelwert m average, mean value, median einer periodischen Größe mean value of a periodic quantity ~ in Umdrehungen pro Minute average speed in revolutions per minute auf einen ~ bringen to equate um einen schwingen to oscillate about an average value quadratischer ~ virtual value, rootmean-square value

Mittelwert-bildung f taking the mean -satz m mean-value theorem, principle of averages -schreiber m impulse recorder -zeiger m meanimpulse or average-value indicator

Mittel-zahl f average -zapfen m center journal or stud -zerkleinerung intermediate size reduction -zeit f mean time -zinken m center tooth

mitten to center -abstand m distance between center lines, center-to-center distance, distance between successive rulings (in diffraction grating) -achsenbewegung f center line movement -anschlag m center stop of dog -anzapfung f central tapping (elec.) -druck m central pressure, pressure at center -ei-druck m binaural balance -entfernung f center distance

Mitten-frequenz f center frequency -maß n center size (dimension) -richtig centered, cocentric -richtigkeit f concentricity -schärfe f central definition, sharpness of center -schwimmer m central float -symmetrisch centrosymmetrical -versetzung f center offset

mittig axial, centric, central, coaxial, concentric ~ einstellen to center -e Beanspruchung f axial stress

Mittigkeit f centrality, centricity

mittler mean, average, medium -e quadratische Abweichung mean square deviation -e Anregungsspannung average exitation potential -e Belastungsdichte average density of charge -e Bespulung medium loading -er Breitenflug middle-latitude flying -er Druck mean effective (brake) pressure -e Durchdringungsgeschwindigkeit drift velocity (speed) -er Fehler standard deviation mean error -e Flügeltiefe mean chord mittlere Geschwindigkeit mean or average speed -e Gleitflugkurve medium gliding turn -e Größe mean value -e Helligkeit average (background) illumination (television) -e Impulsleitung average pulse power (radar) -er (gezogener) Kurvenflug medium (climbing) turn -e Längenstreuung range dispersion -e Leistung mean power -e Linie mean line

mittler-es Profil medium-thick profile -e Proportionale mean proportional -er Rumpfholm stringer -es Schmieröl medium-heavy-weight oil -e Sonne mean sun -er Sonnentag mean solar

day -e Sonnenzeit civi e Spulenweite bobb quadratische Streuung mittlerer Tag mean no (of a wing) -er Tiefga punkt center of disper Wartezeit auf einer zw average international of-service interval (t mean water level -e f length of path -e Wel kungsdruck brake m-(Sonnen-)zeit mean (mittönen to sound sim mittragen to carry mittragende Beplankui Mit- und Vorhöreinric Mittung f centering Mittungs-schneide f (bearing -stift m cente Mittzapfen m spigot si Mit-verantwortung f ic tail wind -wirken to c kung f participation tion -zählen to add joint signature -ziel -zieheffekt m frequ draw, drag or pull al-Mitziehen n. Mitziehe tune, pull in Mixtion f oil base for

709

gold leaf Mizelle f colloidal sal

Mizellenaufbau m mic M/N-Verhältnis n ioi pair Mnemonik f mnemoni

mks-Einheiten mks ui Möbel n piece of furi ture -mattierung f 1 -wagen m van mobil mobile, mobili

mobilisieren to mobil Mobilometer n mobil Möbius-netz n Möbi (electrolytic silver-re Mockstahl m half-ste Moddergrund m mud soft mud ooze, ooz Mode f fashion, vogu Model n module -ele Modeler in modulate Modelgeschwindigkei Modell n pattern, mc rumpf model with werfen to design a 1 der Form) to rap th teiliges ~ split patt pattern of intricate great intricacy of model zweiseitiges plate, match plate. Modell-abhebekolber -abhebevorrichtung ance -abhebung f pa

operation -abhub n

gat n model missil

-aushebung f patter

-teil m midenter frame

middle roll, liate rolling mean stage, Jeleisen sixignal white tve (radio), riving-shaft ency band r -sender m

median ~ value of a ungen pro utions per te um einen an average akue, root-

an satz m if averages er in mean-

journal or e reduction both

ce between ce, distance diffraction line moveanzapfung intral presbinaural

aß n center cocentric : f central wimmer m mmetrical

> oncentric ng f axial

adratische 1 -e Anstential -e charge -e Breitenflug in effective :schwindigr standard nean chord rage speed n -e Größe ckground) tung averener) Kure Längenung mean

le -e Protumpfholm avy-weight nean solar day e Sonnenzeit civil time, mean solar time e Spulenweite bobbin overall diameter e quadratische Streuung standard deviation mittlerer Tag mean noon e Tiefe mean chord (of a wing) er Tiefgang mean draft er Treff-

(of a wing) -er Tiefgang mean draft -er Treffpunkt center of dispersion, center of impact -e Wartezeit auf einer zwischenstaatlichen Leitung average international component of the speedof-service interval (teleph.) -er Wasserstand mean water level -e freie Weglänge mean free length of path -e Welle medium wave -er Wirkungsdruck brake mean effective pressure -e (Sonnen-)zeit mean (solar) time

mittönen to sound simultaneously mittragen to carry

mittragende Beplankung stressed skin

Mit- und Vorhöreinrichtung f feedback circuit Mittung f centering

Mittungs-schneide f centering disk, knife-edge bearing stift m centering screw or pin

Mittzapfen m spigot shaft

Mit-verantwortung f joint responsibility -wind m tail wind -wirken to cooperate, assist, help wirkung f participation, collaboration, cooperation -zählen to add in, include -zeichnung f joint signature -ziehbereich m pull-in range -zieheffekt m frequency pulling -ziehen to draw, drag or pull along, pull in step, tug, warp Mitziehen n, Mitzieherscheinung f nulling into tune, pull in

Mixtion f oil base for varnish on which to apply

Mizelle f colloidal salt, colloidal electrolyte
Mizellenaufbau m micellar structure
M/N-Verhältnis n ion pair yield, yield per ion

pair
Mnemonik f mnemonics (comput)
mks-Einheiten mks units

Möbel n piece of furniture -ausstattung f furniture -mattierung f rubbed finish of furniture -wagen m van

mobil mobile, mobilized -funk m mobile radio mobilisieren to mobilize

Mobilometer n mobilometer

Möbius-netz n Möbius net -prozeß m Möbius (electrolytic silver-refining) process

Mockstahl m half-steel, semisteel

Moddergrund m muddy, slimy, or slick ground, soft mud ooze, oozy bottom

Mode f fashion, vogue

Model n module -element n modulation element Modeler m modulator (radio)

Modelgeschwindigkeit f rapidity of modulation Modell n pattern, model, mold, type ~ mit Rohrrumpf model with tubular fuselage ein ~ entwerfen to design a model ein ~ losklopfen (aus der Form) to rap the pattern geteiltes ~, mehrteiliges ~ split pattern verwickelt gestaltetes ~ pattern of intricate external shape, pattern with great intricacy of detail virtuelles ~ virtual model zweiseitiges ~ double-sided pattern plate, match plate, split pattern

Modell-abhebekolben m pattern-drawing piston-abhebevorrichtung f pattern-drawing contrivance -abhebung f pattern draw, pattern-drawing operation -abhub m pattern draw or lift -aggregat n model missile -ausführung f scaled form-aushebung f pattern drawing or lifting, pattern

draw -aushub *m* pattern lift -barograph *m* barograph in airplane model -bauer *m* model builder

Modellbau-kasten m model construction kit -lehrgang m course of (airplane-)model construction -lehrplan m curriculum for (airplane-) model construction -muster n type of model -schule f model (aircraft) school -werkstätte f pattern making shop

Modell-bezeichnung f designation of the various models -druckmaschine f block-printing machine -entwurf m pattern design -flugveranstaltung f model flying meeting -flugwesen n model aeronautics. model aviation -form f contour or external shape of pattern -formerei f plate pattern molding, plate molding, plate-molding shop -garnitur f pattern set -getreu true to pattern -gips m casting plaster -größe f model size or scale -hälfte f half of pattern -herstellung f patternmaking

Modellierbogen m cutout sheet modellieren to model, mold

Modellieren n molding Modellier-masse f modeling clay -ton m modeling clay

Modellmacher m patternmaker

Modellplatte f pattern plate, match plate ~ mit aufgeheftetem Modell mounted pattern plate doppelseitige ~ double-faced pattern plate, match plate einfache ~ single-sided pattern plate

Modell-plattenherstellung f pattern-plate making -rahmen m pattern frame -rumpf m fuselage or body model -sand m facing sand -schlosser m patternmaker -schreiner m wood-pattern maker -schreinerel f wood-pattern shop

Modell-technik f pattern practice - tisch m pattern table - tischler m wood-pattern maker - versuch m model test, experiment on a model - werkstatt patternmaker - schreiner m wood-pattern modeln to modulate

Modelton m modulation note

Modelung f modulation, modulating

Modelungsgrad m depth or amount of modulation, percentage modulation

Moderator m moderater (atom. phys.)

Moderfleck m mildew stain

moderfleckig foxed -es Papier foxed or foxy paper

moderierter Reaktor moderated reactor modern to decay

modern to decay

moder, modern, up-to-date, in fashion, contemporary

modernisieren to modernize

Modifikation f modification allotropische ~ allotropic change

modifizieren to modify

Modler m modulator Modul m modulus

Modulargleichung f modular equation

Modulation / modulation, control ~ durch Anderung der Anodenspannung plate modulation ~ durch Änderung der Gitterspannung grid modulation ~ auf dunkel modulation to dark condition, negative modulation ~ eines Elektronenstrahles modulation of the electron beam ~ auf hell modulation to light condition, positive modulation ~ des Kathodenstrahls modulation

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brake

nical property ical action erosion al excitation nechanical

cal or

cal alignment (Außenil release

nigungsmesser)

al guide :wton's

ical hysteresis cal impedance andpulse channel

chanical

mechanical

al steering

poling by

nigungsmesser)

ianical center dlung

d press cal test al pump npferzeugungs-

ianical

:chanical

rblockung , train limit

.1 interlock tützung

mechanical

cal interference nanical telemetry nical disconnect chanical delay g mechanical

anical shop.

mechanische-motorische...

machine shop mechanische-motorische Fähigkeiten mechanicalmotor skills

mechanischer Analogrechner mechanical analogue computer

mechanischer Anschlag beating face mechanischer Antrieb mechanical drive, shaft power takeoff mechanischer Arm mobile or mechanical

mechanischer Aufschlagzünder mechanical impact fuze mechanischer Auftrieb mechanical lift

mechanischer Aufwind forced up-current, upslope air movement mechanischer Auslöseknopf mechanical

trip button

mechanischer Drucker impact printer mechanischer Durchlaufspeicher dial repeater mechanischer Expander (Rohrherstellung)

(Walzwerk) mechanical expander mechanischer Feststeller (Kreisel) mechanical cager

mechanischer Feststellhebel (Kreisel)

mechanical caging lever mechanischer Funkbeschicker quadrantal error correction box mechanischer Geschwindigkeitsselektor

mechanical velocity selector mechanischer Hauptlochprüfer mechanical verifier

mechanischer Integrierer integrating gear or mechanism

mechanischer Kommutator mechanical commutator

mechanischer Kopfzünder mechanical nose

mechanischer Nullpunkt mechanical zero mechanischer Rechner mechanical computer or resolver

mechanischer Regler mechanical control mechanischer Stoker automatic stoker mechanischer Taster keyer

mechanischer Teil (eines Servo) mechanism unit, positioner part (of a servo) mechanischer Wagenheber (Kfz) mechanical jack

mechanischer Wirkungsgrad mechanical efficiency mechanischer Zeichendrucker impact or

mechanical character printer mechanischer Zeiger/Zählwerk-Höhenmesser mechanical counter/pointer altimeter mechanischer Zeiger/Zählwerk-Höhenmesser mit Codierer mechanical C/P encoding

altimeter mechanischer Zeitzünder mechanical time fuze

mechanisches Moment mechanical moment mechanisches Filter mechanical filter mechanisches Kreisschneidgerät mechanical trepanner

mechanisches Meßverfahren mechanical measurement

mechanisches Mischgerät mechanical mixer mechanisches Räumgerät wire sweep, wire sweeping device mechanisches Rechengerät calculator

Meereswasserdichte

mechanisches Rückführdifferentialgetriebe mechanical feedback differential gear mechanisches Schwenken mechanical pivoting

mechanisches Stellwerk mechanical lever interlocking cabin mechanisches System mechanisches System

mechanisches Wärmeäquivalent mechanical equivalent of heat

mechanisches Zählwerk mechanical recorder or register

mechanisierte Einheit mechanized unit mechanisiertes Versorgungssystem mechanized supply system

Mechanisierungseinrichtung mechanization equipment

Mechanisierungsgrad automatization Mechanismus, ballistisch angetriebener

ballistically powered mechanism Mechanismus, servobetätigter servo actuated

mechanoelektrisch mechanoelectrical Meddo-Gerät Meddo equipment (radar device)

Medianwert median Medienverbund joint media Medium, festes solid phase medium Medium, flüssiges liquid phase medium medium frequency MF medizinische Anwendung der Radioaktivität

medical uses of radioactivity medizinische biologische Studie der Raum-flugauswirkung auf den Menschen medicobiological study on the effect of space

flight on man (sp) medizinischer Strahlenschutz u. Strahlentherapie radiological health medizinisches Radioisotop medical radio

isotope Medwedew-Automat (dv) automaton

Meeresablagerung marine deposit Meeresarm branch Meersbodenvertrag pact on sea beds, seaded treaty

Meeresforscher ocean explorer Meeresforschung ocean exploration, oceanography

Meeresgeräusch sea noise Meeresgezeit ocean tide Meereshöhe, in at sea level Meereskuppe sea peak Meeresluft, polares polar maritime air Meeresoberfläche sea surface Meeresrücken ocean ridge Meeressedimente, küstennahe (geol) nearshore marine sediments Meeresspiegel, über dem above sea level Meeresspiegelhöhe der Bezugsschicht datum bed elevation

Meeresströmung current of the sea Meerestechnik ocean engineering, ocean technology

Meerestemperatur ocean temperature
Meerestiberflutung (geol) marine transgression
Meeresumwelt ocean environment Meereswasser, kinstliches (Korrosions-prüfung) artificial seawater Meereswasserdichte sea water density

Medizinten & = matical organs spilling

1213

der scissor

m der scissor

kelly joint rkklappe door

ge hexagonal

ly bushing Il steam kelly ly packer celly sub

ng pin, drive follower

ig auf der stop

ufelverstellung)

d Gasstrom)

en in Flüssigkeits-

nmeldewesen)

nmeldewesen)

resonate, resonant

n, sympathetic

dle talk ntom cross talk talk path, phantom-

ine of latitude

or height

ing) split point Platzrunde) mid-

ils (Platzrunde) ownwind leg of the storm lich centric(al) entre to centre tion party ion note rmation requested notice to aviators lich ferngeschriebene

written notice Ablaufteils supervisor

Mitteilungsfeld

Mitteilungsfeld communication region, supervisor communication region

Mitteilungsmappe für Flugzeugführer pilot's information file (PIF)

Mittel central, means, average, medium, agent

Mittel, anlaufverzögerndes anti-blushing agent, anti-hazing agent

Mittel, arithmetisch geometrisches arithmeticgeometrical mean

Mittel, arithmetisches arithmetic mean Mittel, fortschreitendes progressive average Mittel, flüssige liquid assets

Mittel gegen unerwünschtes Kleben anti-blocking agent (pla-folien), anti-tack agent

Mittel, geometrisches geometric mean Mittel, geruchvertilgendes deodoriser, deo-

Mittel, gleitendes running mean Mittel, im on the average

Mittel/Langstrecken-Strahlfugzeug medium/ long-haul jet transport

Mittel, nichtkumulatives noncumulative resource

Mittel, schimmelpilzverhinderndes fungicide Mittel, schlammtragendes cash assets Mittel, unendlich isotropes unbounded iso-

tropic medium Mittel, verflüssigbare cash assets Mittel zum Konstanthalten des Feuchtigkeits-

gehalts humectant Mittel zur Korrosionsverhinderung (Pap) volatile corrosion inhibitor

Mittelabgriff center tab mittelabgezapft centre-tapped, mid-tolerance Mittelabschnitt central sector, center section

(of the thrust unit), center spacing Mittelabstand distance between center, center line

Mittelachse axle center or shaft Mittelanzapfung center tab, center tapping, mid (-point) tab, transformer centre

cap Mittelarm centre arm Mittelartillerie secondary battery Mittelbahn (Fsch) center gore Mittelbahnberechnung computation of mean trajectory

Mittelbahnkorrektur durch Zusatzimpulse impulse midcourse correction Mittelbahnsteig intermediate platform (rail) Mittelbalken center stringer, central beam,

balk, central girder mittelbar indirect -ly, mediate -ly mittelbare Lichtbogenbeheizung indirect

arc heating
Mittelbenzin medium heavy gasoline
Mittelbereich medium range (MRG) Mittelbereichsradar medium-range radar Mittelbereichsradaranlage medium range terminal area radar

Mittelbereichsradargerät (Flugsicherung) medium-range radar

Mittelbereichsüberwachungsradaranlage medium-range surveillance radar Mittelbildung aus statischen Gesamtheiten ensemble averaging mittelharter ...

Mittelbindungsantrag authorization request Mittelbindungsgenehmigung authorization to commit funds

Mittelblech light plate, medium plate or sheet, jobbing sheet Mittelboden middle shell

Mittelbogen central arch

Mittelbreite mean latitude Mittelbreitendreieck mean latitude triangle Mitteldeck middle or center wing

Mitteldecker mid-wing airplane, mid-wing monoplane

Mitteldecker, landgestützter mid-wing land based aircraft

mitteldick medium-thick

Mitteldruck medium pressure, break mean

Mitteldruckdüsenkranz nozzle guide vane leading-edge Mitteldruckladermotor medium supercharger

engine

Mitteldruckreifen intermediate pressure Mitteldruckschieber intermediate slide

Mitteldruckteil medium pressure part

Mitteldruckverdichter intermediate pressure compressor

Mitteldruckverdichterstufe compressor stage

Mitteldruckzylinder medium pressure cylinder Mitteleinsatz resource usage Mittelelektrode centre electrode mittelenergetischer Antrieb medium energy

motor Mittelenergiephysik medium-energy nuclear physics

Mitteleuropa Central-Europe mitteleuropäisch Central European mitteleuropäische Zeit (MEZ) middle European time (MET)

Mittelfaden center (line) wire, middle

Mittelflügel center section or main wing Mittelflügelquerruder middle or intermediate aileron

Mittelflügelunterseite wing undersurface Mittelfluß second reflection component Mittelfrequenz medium frequency (MF) Mittelfrequenzfunkbake MF radio beacon Mittelfrequenzpeiler MF direction finder Mittelfrequenztelegraphie medium frequency

telegraphy mittelfristig intermediate, -ly mittelfristige (Wetter)-Vorhersagekarte medium range forecast

Mittelfristvorhersage medium-range forecast Mittelfristwettervorhersage medium-range

forecast, medium-range weather forecast
Mittelführung (Panzer) center guides
Mittelführungssteg center guide (track)
Mittelgang central gangway, aisle, corridor
Mittelgerüst intermediate roll stand mittelgroß medium-sized

Mittelgruppe (Seetaktik) center group mittelhart half-hard, of medium hardness mittelharter Schaumstoff hoher Dichte semirigid high-density polyrethane foam

mittelhohe

mittelhohe Wolken medium cloud mittelkörnig medium grained Mittelkonsole center console Mittelkontakt centre contact Mittelkontaktgefäß central contact trough, middle contact basin Mittelkonusdiffusor center body diffusor Mittelkraft resultant force, central force Mittelkufe central skid Mittellängsträger plain stringer
Mittellänge central position, middle position,
neutral position Mittellager center bearing, intermediate bearing Mittellagergehäuse center bearing case Mittellagergehäusedeckel centre bearing housing Mittelleine central handling line Mittelleiter central conductor, neutral wire, neutral conductor, third wire, median Mittellinie axis, center line, median
Mittellinie der Piste, Start- und Landebahn (D) center line Mittellinie des Bildschirmsuchgitters (Luftbild-kamera) viewfinder grid track line Mittelline des Bidlsuchgitters view-finder grid track line Mittellinie, erste acute bisectrix Mittellinienband (Ringschlitz-Fsch) vertical tape parachute
Mittellinienfeuer center-line lights, low intensity omni-directional light or centre line lights mittelmäßig indifferent of medium power Mittelmeridian mid-meridian Mittelmotor central engine Mitteln von Signalen signal averaging Mittelöl medium heavy oil Mittelpufferkupplung central buffer coupling Mittelpunkt centre, center, centre point, midpoint, central point Mittelpunkt, festgelegter ... einer Ozean-station designated station Mittelpunkt geerdetes Netz, im earthedneutral system Mittelpunkt, geometrischer geometrical center, mechanical center
Mittelpunkt, im ... befindlich centric(al)
Mittelpunkt zustreben, dem to tend to the centre Mittelpunktaufweitungsvorrichtung centre expander Mittelpunktgleichung (Kreis) equation of a circle with the origin at the centre Mittelpunktshöhe altitude or height of center Mittelpunktslage equation of the centre Mittelpunktspeisung centre feed Mittelpunktsucher (Radialsekator) center finder Mittelpunktswinkel angle at center, central angle, center square Mittelquadrat (einer Ozeanstation) center square, centre square Mittelrippe central web Mittelrohr center pipe Mittelrumpf waist Mittelrumpflast center store Mittelschärfe center focus

Mittelstromschiene

Mittelscheibe an Vielstreifenschere inter-mediate disk of slitting roller Mittelschenkel einer Falte (geol) middle limb of fold Mittelschiene junction-rail of a crossing, third rail Mittelschlitten intermediate slide mittelschneller Reaktor intermediate reactor, intermediate spectrum reactor (nuclear) mittelschnelles Neutron intermediate neutron Mittelschwelle intermediate sleeper (rail) mittelschwerer Kern medium nucleus mittelschwerer STOL-Transporter advanced medium STOL transport (AMST) mittelschweres Bruchstück medium-heavy fragment mittelschweres Öl medium oil mittelschwersiedend medium moderately volatile (said of fuel) Mittelschwimmer central float Mittelschwimmerflugzeug central float Mittelsenkrechte mean perpendicular, mid-vertical, perpendicular bisector Mittelsignal middle marker Mittelspannung mean stress
Mittelspannung mean stress
Mittelspant middle panel or bulkhead
Mittelspiere center part or rib
mittelstarke Störung (elektronische Kampfführung) medium-intensity jamming Mittelsteg web plate (port of measure device) Mittelstellung central position, intermediate position, mid-position
Mittelstellungsrelais, polarisiertes balanced beam relay Mittelstellungszeiger zero center (milliammeter) Mittelstiel middle strut, intermediate or second interplane strut or second interplane strut
Mittelstrebe middle strut, intermediate
or second interplane strut
Mittelstreckenflugkörper, ballistischer intermediate range ballistic missile
Mittelstreckenflugkörper, fahrbarer ballistischer mobile midrange ballistic missile stischer mobile midrange ballistic missile Mittelstreckenfluglinie medium haul (air) service Mittelstreckenflugzeug medium-range aircraft Mittelstreckengroßraumflugzeug mediumrange high-capacity jet transport Mittelstreckennavigaton medium range navigation Mittelstrecken-Navigationssystem medium range navigation system Mittelstrecken-Navigationssystem für Flugzeug medium range navigational system for aircraft Mittelstrecken-Pauschalflugreise medium distance IT arrangement Mittelstreckenstrahlflugzeug medium range jet aircraft Mittelstreckensuchluftfahrzeug medium range search aircraft Mittelstrecken-Tri-Jet medium range tri-jet

Mittelstreifen (Autobahn) central reserve

Mittelstromschiene in Gleismitte centre

conductor rail

Mittelstück

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Mittelstück centra or piece, mid-se Mittelstütze cente king post, centr Mittelstütze, Sock Mittelteil center : unit), mid-portic Mittelteil (Flugkop Mittelteilzelle hull Mittelträger centra Mittelträger (schw center section Mitteltrieb (Doppe Mitteltrieb (opt.) Mittelung approxi Mittelwärme mea Mittelwalze centr Mittelwalze (Kala Mittelwasser mean Mittelwelle mediu (radio) Mittelwellen-Berei (MF), medium fr frequency range Mittelwellemempfä Mittelwellenfunkter beacon Mittelwellen-Funkh Mittelwellen-Funkp direction finding Mittelwellenpeiler finding station Mittelwellenpeilstel direction-finding Mittelwellensender mitter, medium v Mittelwellen-Sprech telephone station Mittelwellen-Vierku range Mittelwert average median, mean, av Mittelwert, arithme mean, average va Mittelwert bilden, c Mittelwert einer pe value of a period Mittelwert, gleitend Mittelwert, harmoni Mittelwert, quadrati Mittelwertbildung av mean Mittelwertgleichrich rectifier Mittelwertgleichrich rectification Mittelwertkupplung ! (nuclear) Mittelwertmesser av (counting) rate me Mittelwertmethode r Mittelwertsatz mean of averages Mittelwertsatz, er value theorem Mittelwertverfahren Mittelwertzeiger ave mean-impulse indic

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